	Application No.	Applicant(s)	
	09/982,654 KIRKPATRICK ET A		1
Notice of Allowability	Examiner	Art Unit	<u> </u>
	Brook Kebede	2823	
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is se	n this application. If not include unication will be mailed in due o	d course. <b>THIS</b>
1. This communication is responsive to 15 June 2004.			
2. $\boxtimes$ The allowed claim(s) is/are $\frac{(3, 4)}{(3, 4)}$ .			
3. X The drawings filed on 18 October 2001 are accepted by the	e Examiner.		
<ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority ur</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> <li>1. ☐ Certified copies of the priority documents have</li> <li>2. ☐ Certified copies of the priority documents have</li> <li>3. ☐ Copies of the certified copies of the priority documents have</li> <li>International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ul>	been received. been received in Application	on No	on from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requ	uirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXA	AMINER'S AMENDMENT or NO declaration is deficient.	OTICE OF
<ul> <li>6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers</li></ul>	on's Patent Drawing Review  s Amendment / Comment or  84(c)) should be written on the header according to 37 CF sit of BIOLOGICAL MATE	in the Office action of the drawings in the front (not the R 1.121(d).  ERIAL must be submitted. No	•
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ⊠ Interview S Paper No./ 8), 7. ⊠ Examiner's	formal Patent Application (PTO ummary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allow George Fo Primary Ex	vance Purpa Durson

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## **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Jacqueline J. Garner on September 29, 2004.

2. The application has been amended as follows:

In the claims:

Cancel claim 6.

In Claim 1, line 5, change "treating said low-k dielectric layer with a wet solution" to -- treating said low-k dielectric layer with a wet solution <u>after said plasma treating step--</u>.

In Claim 10, lines 1-2, change "The method claim 1, wherein said treating step occurs prior to forming said resist pattern." to -- The method claim 1, wherein said step of treating said low-k dielectric layer with said wet solution occurs prior to forming said resist pattern.--.

In Claim 11, line 1-2, change "The method claim 1, wherein said treating step removes said resist pattern as a pattern re-work step." to -- The method claim 1, wherein said treating steps remove said resist pattern as a pattern re-work step.--

In claim 15, line 2, delete "solvent,".

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## Allowable Subject Matter

3. Claims 1, 2, 3, and 9-21 are allowed over prior art of record.

## Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure Jiang et al. (US/6,620,560) and Kirkpatric et al. (US/6,720,247) are also related application to the instant application. However, the prior art fail to disclose treating the IMD using a wet solution after said plasma treating step.

## Correspondence

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brook Kebede whose telephone number is (571) 272-1862. The examiner can normally be reached on 8-5 Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Olik Chaudhuri can be reached on (571) 272-1855. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).